

### **Abstract**

A method for handling data between a clock and data recovery system CDR and a data processing unit DP of a telecommunications network node TNN of an asynchronous communications network, using a bit rate adaptation circuit BAS, the bit rate adaptation system BAS comprising a memory unit MEM with a write process circuit Wp controlled by the recovered clock Rclk and a read process circuit Rp controlled by the local clock Lclk wherein the bit rate adaptation system BAS also comprises a pointer synchronization controller PSC which, depending on the data detected on the input data signal Dlb1 of the bit rate adaptation system BAS, sets the read and write pointers to a fixed initial address value. A Clock and Data Recovery system and a telecommunications network node TNN of an asynchronous network, which comprise a bit adaptation circuit BAS according to the invention, are also disclosed.